**Table 1. 1998 Summary Statistics**

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)			ECAR		
Net Exporter or Importer			Exporter		
Primary Generating Fuel			Coal		
Population (as of 7/98)	1,811,688	35	Capability (MW)	14,495	20
Average Electricity Price (cents/kWh) ^a	5.07	7	Generation (MWh)	89,605,447	14
Industrial	3.78	11	Average Age of Plants (years)		
Commercial	5.56	7	Coal-fired	28	
Residential	6.29	6	Petroleum-fired	31	
Industry			Hydroelectric	68	
Capability (MW)	15,065	22	Nonutility		
Generation (MWh)	92,822,187	15	Capability (MW)	570	30
Capability/person (KWe/person)	8.32	2	Share of Capability (Percent) ...	3.8	37
Generation/person (MWh/person)	51.24	2	Generation (MWh)	3,216,740	29
Emissions (Thousand Short Tons)			Share of Generation (Percent) ...	3.5	37
Sulfur Dioxide	853	3			
Nitrogen Oxide	311	8			
Carbon Dioxide	91,161	7			
Sulfur Dioxide/sq. mile (Tons)	35.41	1			
Nitrogen Oxides/sq. mile (Tons)	12.9	3			
Carbon Dioxide/sq. mile (Tons)	3,784.64	3			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. John E Amos	Coal	Appalachian Power Co	2,900	27
2. Harrison	Coal	Monongahela Power Co	1,920	26
3. Mitchell	Coal	Ohio Power Co	1,600	27
4. Mt Storm	Coal	Virginia Electric & Power Co	1,599	33
5. Mountaineer (1301)	Coal	Appalachian Power Co	1,300	18

Table 3. Top Five Utilities Ranked by Retail Sales Revenue Within the State, 1998
(Million Dollars)

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. Appalachian Power Company	598	259	162	174	3
B. Monongahela Power Company	482	185	116	179	2
C. The Potomac Edison Company	136	74	33	29	1
D. Wheeling Power Company	84	25	20	37	1
E. UtiliCorp United, Inc	28	17	9	2	1
Total	1,328	559	340	421	8
Percentage of Utility Sales	99	98	99	100	92

Table 4. Electric Power Industry Generating Capability by Plant Type, 1988, 1993, and 1998
(Megawatts Electric)

Plant Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	14,499	14,448	14,495	*	95.2	95.5	96.2
Coal-fired	14,304	14,328	14,381	0.1	93.9	94.7	95.5
Petroleum-fired	12	12	12	*	0.1	0.1	0.1
Hydroelectric	183	108	102	-6.3	1.2	0.7	0.7
Total Nonutility	729	675	570	-2.7	4.8	4.5	3.8
Industry	15,228	15,122	15,065	-0.1	100.0	100.0	100.0

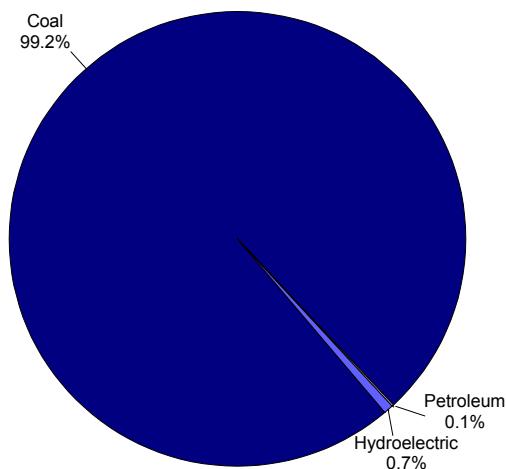
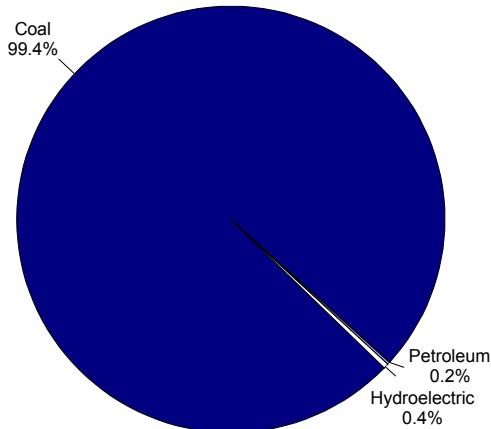
Figure 1. Utility Generating Capability by Plant Type, 1998**Figure 2. Utility Generation by Primary Energy Source, 1998**

Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	81,314,288	71,078,069	89,605,447	1.1	96.6	95.1	96.5
Coal	80,746,611	70,491,516	89,007,644	1.1	96.0	94.3	95.9
Petroleum	260,355	210,975	194,277	-3.2	0.3	0.3	0.2
Gas	9,827	13,461	42,195	17.6	*	*	*
Hydroelectric	297,495	362,117	361,331	2.2	0.4	0.5	0.4
Total Nonutility	2,833,493	3,671,094	3,216,740	1.4	3.4	4.9	3.5
Industry	84,147,781	74,749,163	92,822,187	1.1	100.0	100.0	100.0

Table 6. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988, 1993, and 1998
(Cents per Million Btu, 1998 Dollars)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Coal	144.1	141.8	122.2	-1.8
Petroleum	395.8	461.9	370.9	-0.7
Gas	389.2	435.5	351.4	-1.1

Table 7. Electric Power Industry Emissions Estimates, 1988, 1993, and 1998
(Thousand Short Tons)

Emission Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Sulfur Dioxide	947	1,017	853	-1.2
Nitrogen Oxides ^c	328	270	311	-0.6
Carbon Dioxide ^c	80,872	70,847	91,161	1.3

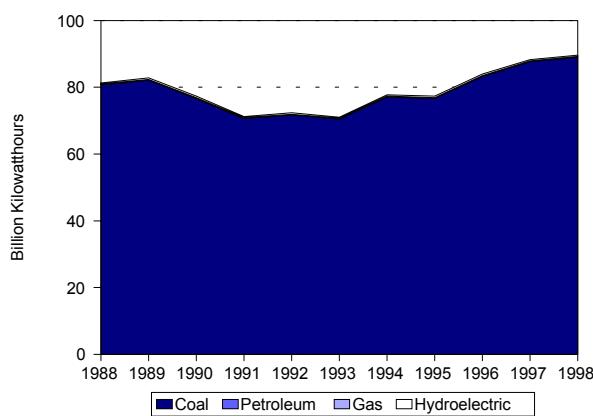
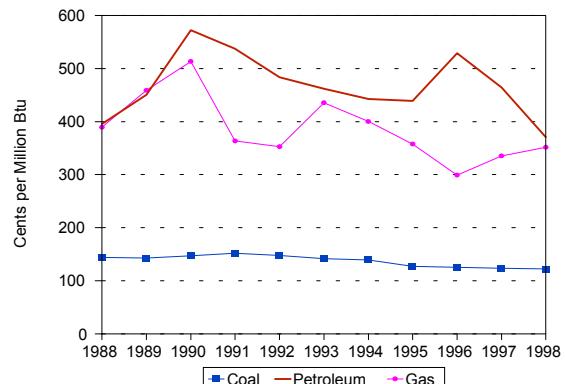
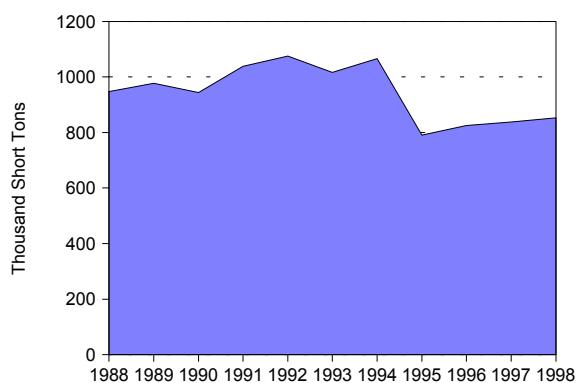
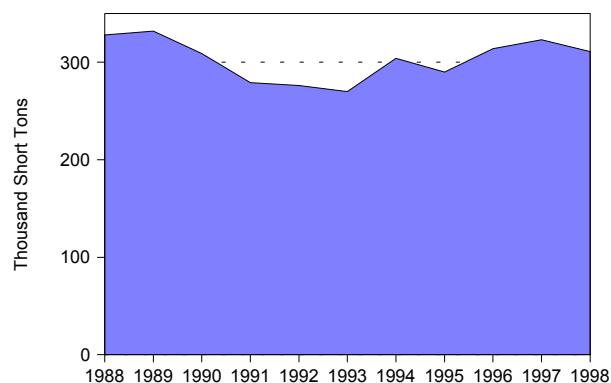
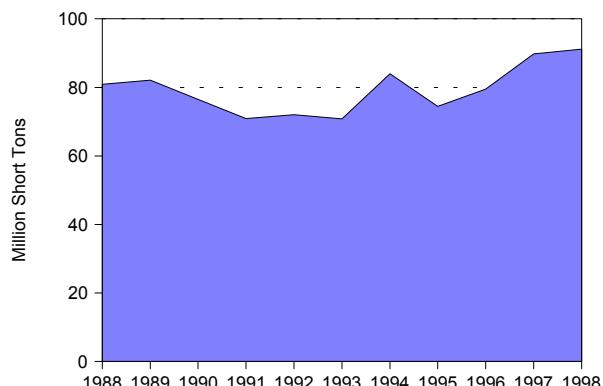
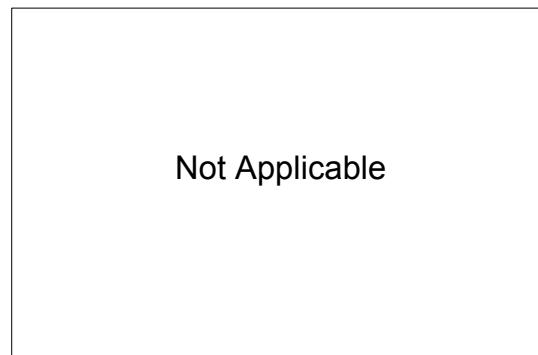
Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998**Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998**
(1998 Dollars)

Figure 5. Estimated Sulfur Dioxide Emissions, 1988-1998**Figure 6. Estimated Nitrogen Oxide Emissions, 1988-1998****Figure 7. Estimated Carbon Dioxide Emissions, 1988-1998****Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998
(Megawatthours)**

Sector	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Residential . . .	7,548,776	8,682,375	9,053,002	2.0	33.7	35.5	34.1
Commercial . . .	4,823,408	5,480,458	6,207,810	2.8	21.5	22.4	23.4
Industrial	9,925,196	10,187,147	11,161,136	1.3	44.3	41.7	42.1
Other	90,590	91,545	89,313	-0.2	0.4	0.4	0.3
Total	22,387,970	24,441,525	26,511,261	1.9	100.0	100.0	100.0

Figure 8. Nuclear Power Capacity Factor Comparison, 1988-1998**Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998**

Item	Investor-Owned	Public	Federal	Cooperative	Total
	1988				
Number of Utilities	13	2	--	3	18
Number of Retail Customers	832,918	3,477	--	7,430	843,825
Retail Sales (MWh)	22,275,510	54,566	--	57,894	22,387,970
Percentage of Retail Sales	99.5	0.2	--	0.3	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,352	4	--	6	1,361
Percentage of Revenue	99.3	0.3	--	0.4	100.0
1993					
Number of Utilities	12	2	--	3	17
Number of Retail Customers	876,626	3,504	--	7,777	887,907
Retail Sales (MWh)	24,315,551	55,216	--	70,758	24,441,525
Percentage of Retail Sales	99.5	0.2	--	0.3	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,394	4	--	7	1,405
Percentage of Revenue	99.2	0.3	--	0.5	100.0
1998					
Number of Utilities	12	2	--	3	17
Number of Retail Customers	923,193	3,487	--	8,365	935,045
Retail Sales (MWh)	26,372,311	58,541	--	80,409	26,511,261
Percentage of Retail Sales	99.5	0.2	--	0.3	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,334	4	--	7	1,345
Percentage of Revenue	99.2	0.3	--	0.5	100.0